

<b>Electronic Patent Application Fee Transmittal</b>				
<b>Application Number:</b>	10619796			
<b>Filing Date:</b>	15-Jul-2003			
<b>Title of Invention:</b>	Sparse and efficient block factorization for interaction data			
<b>First Named Inventor/Applicant Name:</b>	Francis X. Canning			
<b>Filer:</b>	Lee W. Henderson/Linh Do			
<b>Attorney Docket Number:</b>	CANNING.001CP2			
Filed as Small Entity				
<b>Utility under 35 USC 111(a) Filing Fees</b>				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				
Extension - 1 month with \$0 paid	2251	1	65	65

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Miscellaneous:</b>				
Submission- Information Disclosure Stmt	1806	1	180	180
<b>Total in USD (\$)</b>				<b>245</b>